

County of Loudoun
Office of Transportation Services
MEMORANDUM

DATE: March 31, 2010
TO: Loudoun County Planning Commission
FROM: Andrew Beacher, Assistant Director

**SUBJECT: CPAM 2005-0009 Revised Countywide Transportation Plan Update:
Final Edits and VDOT Supplemental Analysis**

The purpose of this memorandum is to transmit final edits to the Countywide Transportation Plan (CTP) Update and the revised Planning Commission's memorandum to the Board of Supervisors regarding supplemental recommendations, as well as documentation prepared by the Virginia Department of Transportation (VDOT) concerning the supplemental analysis performed for the southern subarea of the County. These materials are provided in advance of the Commission's planned certification of the CTP at the April 7, 2010 worksession.

Edits to the CTP Update and the revised Planning Commission memorandum are provided at **Attachments 1** and **2**, respectively. The edits to the CTP Update are provided as clean pages and only include the immediately affected pages. The edits made are those that were received from members of the Commission during the weeks of March 8 and March 15, 2010. In some instances, upon further discussion with Chairman Klancher, certain comments or suggested edits that were received require further discussion with the entire Commission before changes can be made. These issues will be addressed at the April 7, 2010 worksession.

The supplemental analysis report, as prepared by VDOT, is provided at **Attachment 3**. As requested by the Commission, the analysis performed uses "Select Links Analysis" to examine the output from the County's 2030 model to 1) examine the impacts of the Commission's recommended changes to the road network in the southern subarea, 2) identify local and non-local trips that use the affected roadways, and 3) provide an assessment of the trip assignments for the roads examined. In summary, VDOT found that recommended capacity reductions to both Route 659 Relocated (North Star Boulevard) and Route 606 Extended (Gum Spring Road/West Spine Road) had a negative impact to the operation these facilities. However, the proposed reduction to Tall Cedars Parkway did not adversely impact its operation. These findings are consistent with those of staff and the County's consultant upon reviewing the model run

of the Commission's recommended network. In terms of the origins and destinations of the trips using the facilities analyzed, VDOT found that the majority of trips on Route 606 Extended and Tall Cedars Parkway are local (at least one end of the trip within the local area). Route 659 Relocated trips, however, serve a substantial number of trips outside the local area, including Prince William and Fauquier Counties. Lastly, VDOT found that, for the roads examined, the 2030 trip assignments are logical for these facilities, and appear consistent when considering network connections within and outside the County lines.

Lastly, it is noted that the Board of Supervisors, in anticipation of the Commission's certification of the draft updated CTP on April 7, 2010, has scheduled a public hearing on the document for April 12, 2010. As part of the packet distributed to the Board for the public hearing, the Supervisors were provided copies of the updated CTP with the Commission's final edits as noted in this memorandum. Also, the staff report that was included in the Board's packet identifies a small number of issues where staff recommendations differ from those of the Commission. Staff will be prepared to brief the Commission on these items at the April 7, 2010 worksession.

Attachments

1. CTP Final Edits
2. PC Supplemental Recommendations Memorandum
3. VDOT Southern Subarea Analysis Report